

## **Fitness Club System**

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### **A MINI PROJECT REPORT**

**ON**

### **“FITNESS CLUB SYSTEM”**

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# Introduction

## **Introduction:**

Gyms are become the essential part of our lives ,providing best exercise and body building facility to our society.

Therefore at end of system there are some necessary steps to maintain the records of every individual, but maintain the records on paper is very difficult ,So it is necessary to have a computerized system that manages all these issues.

This is a simple open-source Fitness Club System developed using java programming language and MySQL database.

This fitness club system based on basic four modules. Those are Member management, attendance management, payment management and package management.

**Aim-**

- Fitness club provides a computer based system for keeping all records about member, attendance and payment.
- Recorded performance details.
- Recorded Package and attendance details

## **Objective-**

### *What was the Problem?*

- Existing system was manual.
- Time consuming as data entry which include calculations took lot of time.
- Searching was very complex as there could be 100's of entry every year.
- The proposed system is expected to be faster than the existing system.
- The Project was made in order to effectively and efficiently cater to requirements of the fitness center. Very frequently the person who generally holds the tasks to manage the center needs to keep records of all the transactions as well as data manually . Generally, In order to structure these tasks Separate Registers are maintained. This whole process thus becomes quite cumbersome for them to control manually. Moreover, Any wrong data entered mistakenly can brings serious results.
- This Manually Managed system of the store was also heavily prone to data loss due to certain causes Misplacement of Registers, Destruction of Registers, Unauthorized access to registers etc. which can bring in disastrous Consequences.
- The cost of maintains of data and records of occurrence of transactions is very high.
- Searching a particular data specific to particular requirements is also very tedious in such system. In order to retrieve records, The responsible person needs to manually locate the appropriate register and locate the appropriate placement of that particular record which may be very time consuming.
- Data Redundency is also a great issue in such kind of system. “Redundency” means repetition. Thus data modified or updated at a particular place may not be data modified or updated at the other related place which may create inconsistencies in data handling,

Destroys Data Integrity and creates confusion for the owner.

## ➤ **What the Software Provides in this Regard?**

- The software is capable enough to allow the concerned person to store and retrieve any type of record with just a single click of mouse. The software allows Interactive ,Self describing Graphic User Interface environment where even standalone users can work very comfortably and easily.
- All the data pertaining to transactions or other important entities is kept at central database from where its attributes can be easily controlled. But, Such kind of technical details are hidden from the standalone User. He just needs to type in correct details of the given entity and then click the save button with the help of mouse. However, That central repository of data can be easily accessed if required.
- Data Redundancy is no more the problem now. The data modified from one particular data entry form will reflect the modifications at the other related forms too. This has thus reduced the chances of data inconsistency in our data storage.
- There is no need to manage bulky registers now as data stored in the backend database can be readily retrieved either from the frontend form itself or directly from the database.
  - Requires one time investment of setting up required Hardware and Software after which no more headache is required by the Managers. Moreover, It also reduces dependence on Man Power.
- Effective Search measures are present at each and every data transactional forms from where by just entering a Unique keyword for that data its whole records can be readily seen within microseconds. Moreover, Facility of Updating and Deletion of data through search is also available.
- The objective of the “Fitness Club” is to provide a system which handles the information of the people coming into the gym and maintaining their health care. It takes care of all their health information. It even admin create new packages and

update the package.



- Admin can handle payment with different packages. Data will be stored in the database. It also maintains the people's attendance, gym records.

## **System Analysis**

Refers into the process of examining a situation with the intent of improving it through better procedures and methods. System Analysis is the process of planning a new System to either replace or complement an existing system. But before any planning is done the old system must be thoroughly understood and the requirements determined. System Analysis, is therefore, the process of gathering and interpreting facts, diagnosing problems and using the information to re-comment improvements in the System. Or in other words, System Analysis means a detailed explanation or description.

Before computerized a system under consideration, it has to be analyzed. We need to study how it functions currently, what are the problems, and what are the requirements that the proposed system should meet.

System Analysis is conducted with the following objectives in mind:

1. Identify the customer's need.
2. Evaluate the system concept for feasibility.
3. Perform economic and technical analysis.
4. Allocate functions to hardware, software people, database and other system elements.

5. Create a system definition that forms the foundation for all the subsequent engineering work.

## **2.1 Identification of Customer's Need**

Before proceeding further, it becomes very necessary to accumulate the valid and convincing requirements of the project and communicate the very same to various stakeholders of the project. This step is initiation of System Analysis. An overview of the client's requirement has been done. The basic need of the client to opt for such kind of project is analysed. As per current marketing scenario, an entire system was required to track day-to-day transactions.

Client was following a Manual Process, which is not at all compatible with its current working conditions. It was not only time consuming, but also lacks accuracy. Security point of view the manual system was failed to hide the information from any unauthenticated staff or any outside person. Therefore, there was an urgent requirement of such Computerised System which can fulfill all of its current as well as future requirements. Further more, data handling was also posing a serious problem for them.

## **Scope of the project-**

This project is helpful in the automation of gym record including using this module admin create new package and update exit package.

This interface provides the path to move between the module.

## **Member:**

In this module include three function

- 1)Add new members
- 2)Update exit members
- 3)Delete exit members

## **Attendance:**

Using this module admin can record attendance of the members. Here admin can record member id and how many times member stayed in the gym.

## **Packages:**

Using this module admin can create new packages and update exit packages.

## **Payment:**

Using this module admin can handle payment with different packages.

### **Proposed System Functionality:**

The proposed system will be designed to support the following features:-

- The proposed system has a **user friendly Interface** for porting of data to server.
- The proposed system provides the facility to pull the data from the server using a key (such as id) and get the desired report.
- The proposed system provides the **no replication** of data
-

### **Feasibility Study:**

A feasibility study is high-level capsule version of the entire System analysis and Design process. The study begins by classifying the problem definition. Feasibility is to determine if its worth doing. Once an acceptance problem definition has been generated , the analyst develops a logical model of the system.

### **Technical Feasibility:**

This involves questions such as whether the technology needed for system exists, how difficult it will be to build and whether the firm has enough experience using that technology. The assessment is based on outline design of system requirement in term of input, processes, output field , program , procedures.This can be qualified in terms of volume of data,trends,frequency of updating inorder to give an introduction to technical system.

Technical feasibility centers around the existing computer system (Hardware and Software etc) and to what extend it support the proposed addition. For example, if the current computer is operating at 80 percent capacity - an arbitrary ceiling - then running another application could overload the system or require additional Hardware. This involves financial considerations to accommodate technical enhancements. If the budgets is a serious constraint ,then the project is judged not feasible. In this project, all the necessary cautions have been taken care to make it technically feasible. Using a key the display of text/object is very fast. Also, the tools, operating system and programming language used in this localization process is compatible with the existing one.

### **Economical Feasibility:**

While considering economical feasibility, it is checked points like performance, information and outputs from the system. The developing system must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best , return at earliest.

Economic analysis is the most frequently used method for evaluating the effectiveness of the candidate system. More commonly known as cost/benefit analysis, the procedure is to be determining the benefits and savings that are expected from a candidate and compare them with costs. If benefits outweigh costs, then the decision is made to design and implement the system.

A systems financial benefit must exceed the cost of developing that system. i.e. a new system being developed should be a good investment for the organization.

Economic feasibility considers the following:

- i. The cost to conduct a full system investigation.
- ii. The cost of hardware and software for the class of application.
- iii. The benefits in the form of reduced cost or fewer costly errors.

- iv. The cost if nothing changes (i.e. The proposed system is not developed).

The proposed SYSTEM is economically feasible because

- i. The system requires very less time factors.
- ii. The system will provide fast and efficient automated environment instead of slow and error prone manual system, thus reducing both time and man power spent in running the system.
- iii. The system will have GUI interface and very less user training is required to learn it.
- iv. The system will provide service to view various information if required for some decision making.

### **Operational Feasibility:**

Operational feasibility is the measure of how well a proposed system solves the problems, and takes advantages of the opportunity identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development. To ensure success, desired operational outcomes must be imparted during design and development.

This Application is very easy to operate as it is made user friendly with the help of very effective GUI tools. Main consideration is user's easy access to all the functionality of the Application. Another main consideration is here is that whether user organization is trained enough to use the newer application. Here every functionality is As per previous operational strategy which is not expected to be cumbersome to the potential clients.

# DFD(DATA FLOW DIAGRAM)

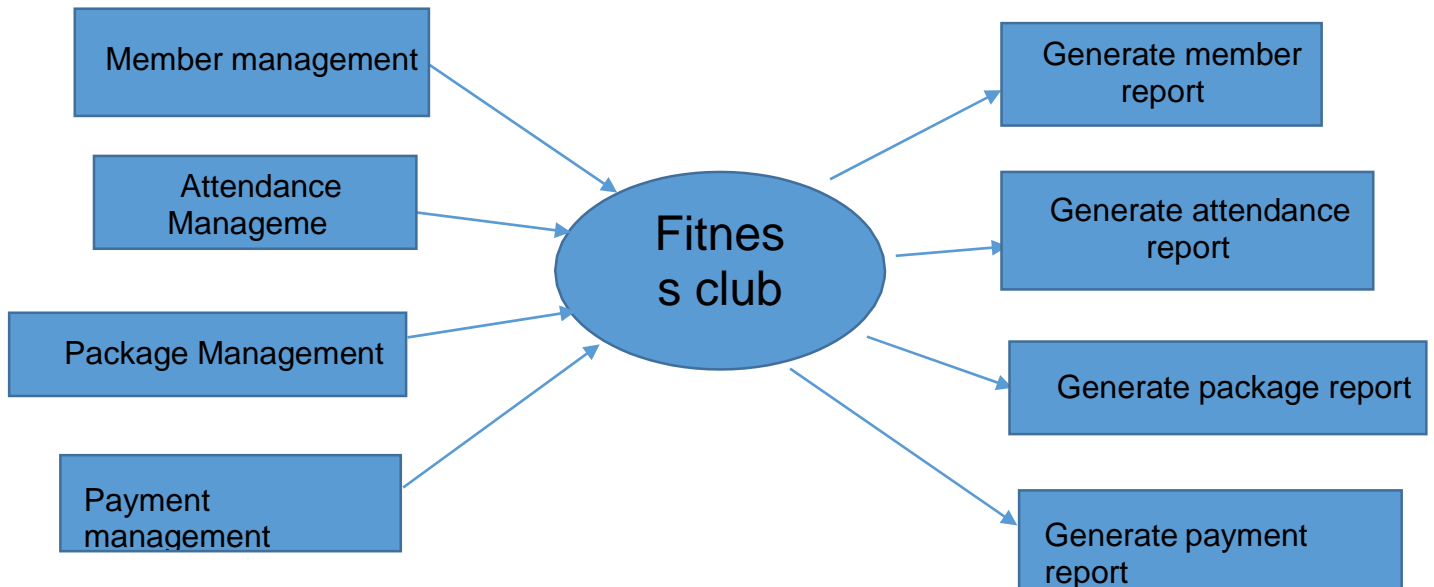
## Level 0-

Level 0-

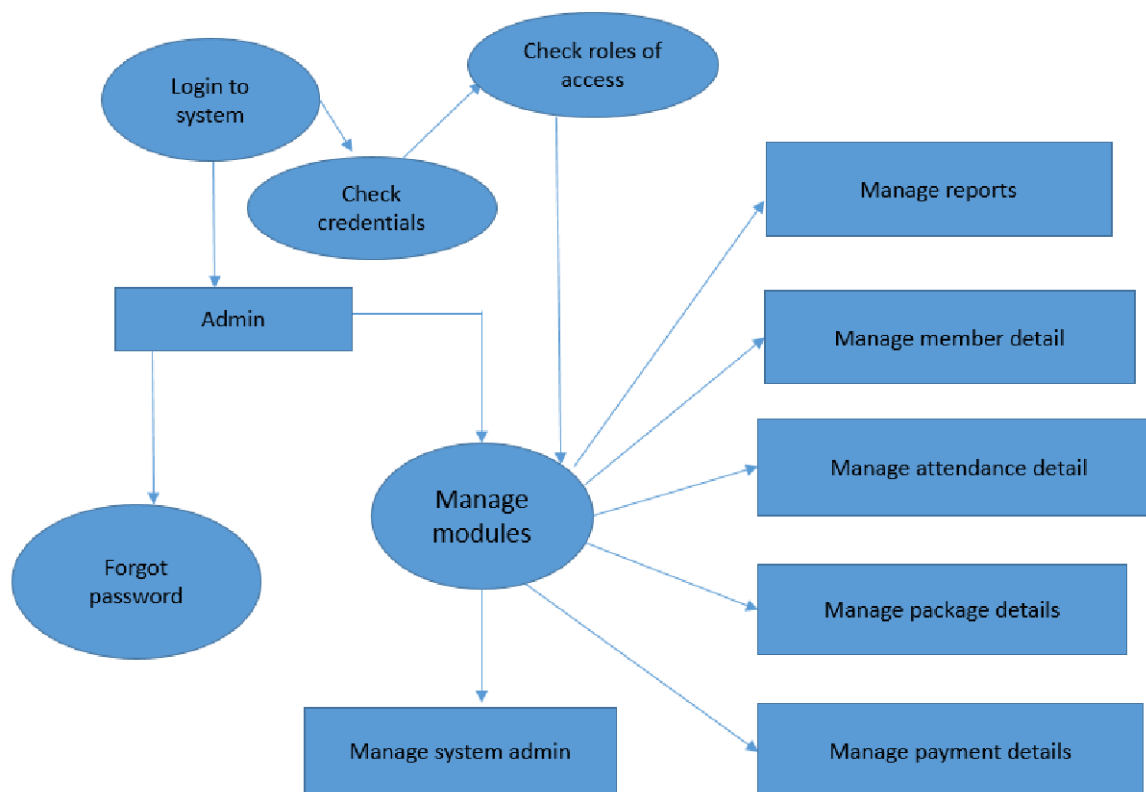




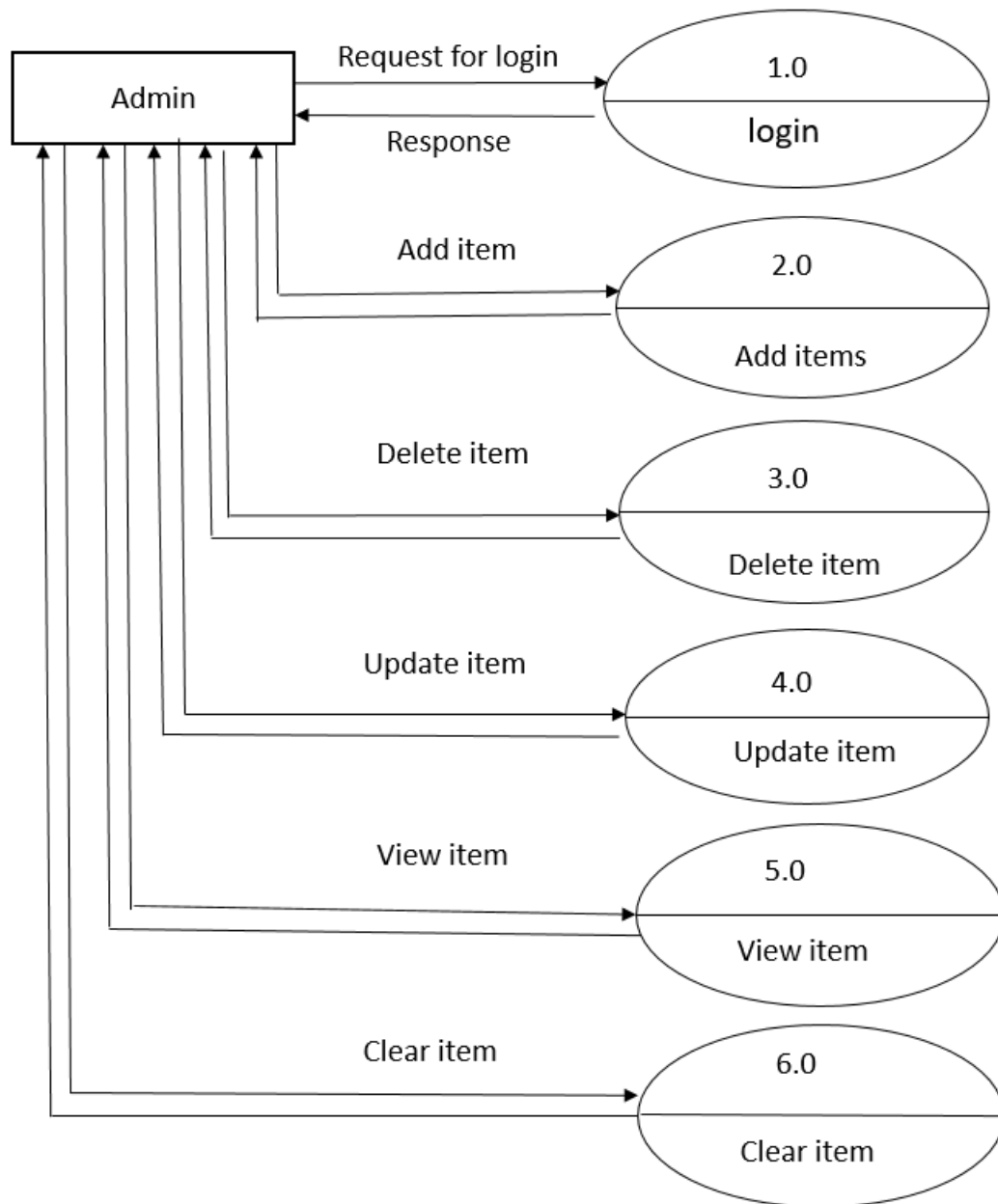
## DFD LEVEL 1:



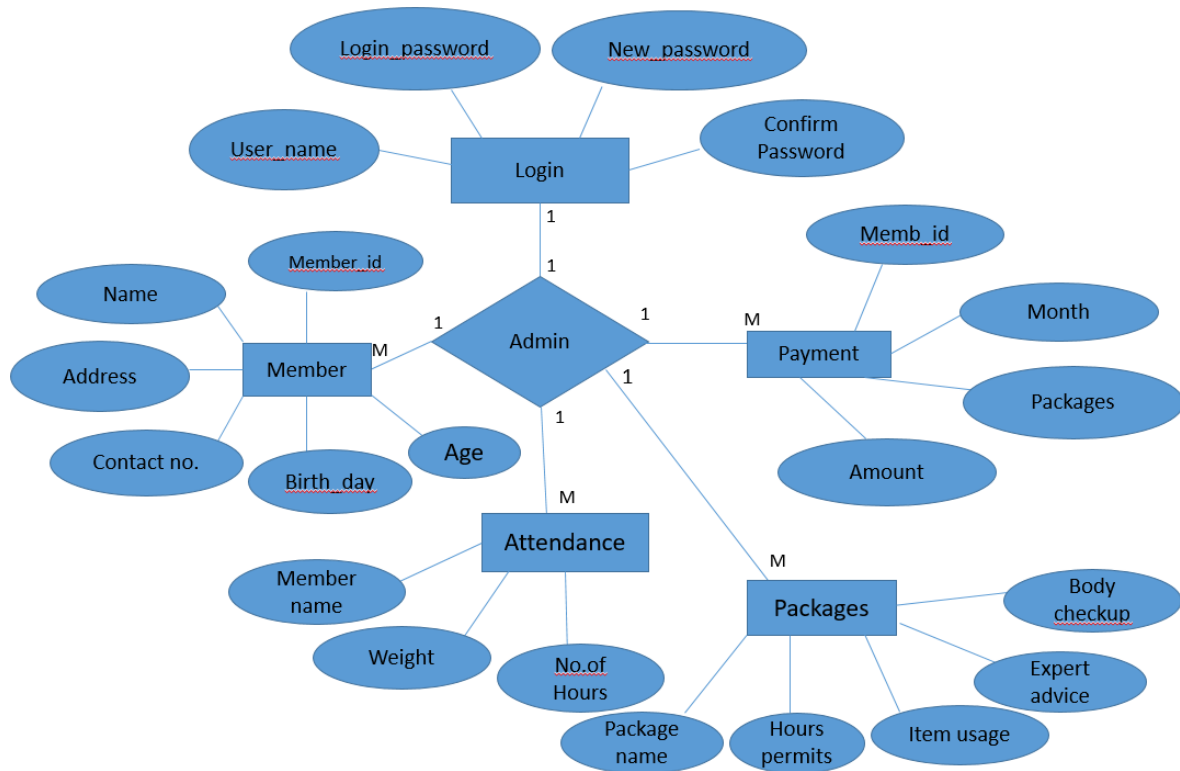
## DFD LEVEL 2:



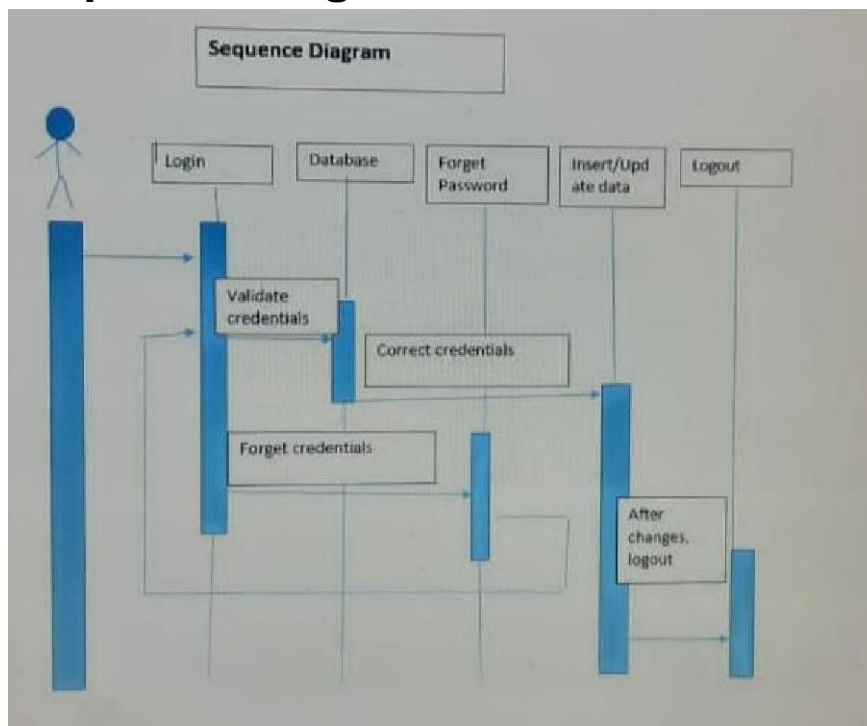
### DFD Level 3:



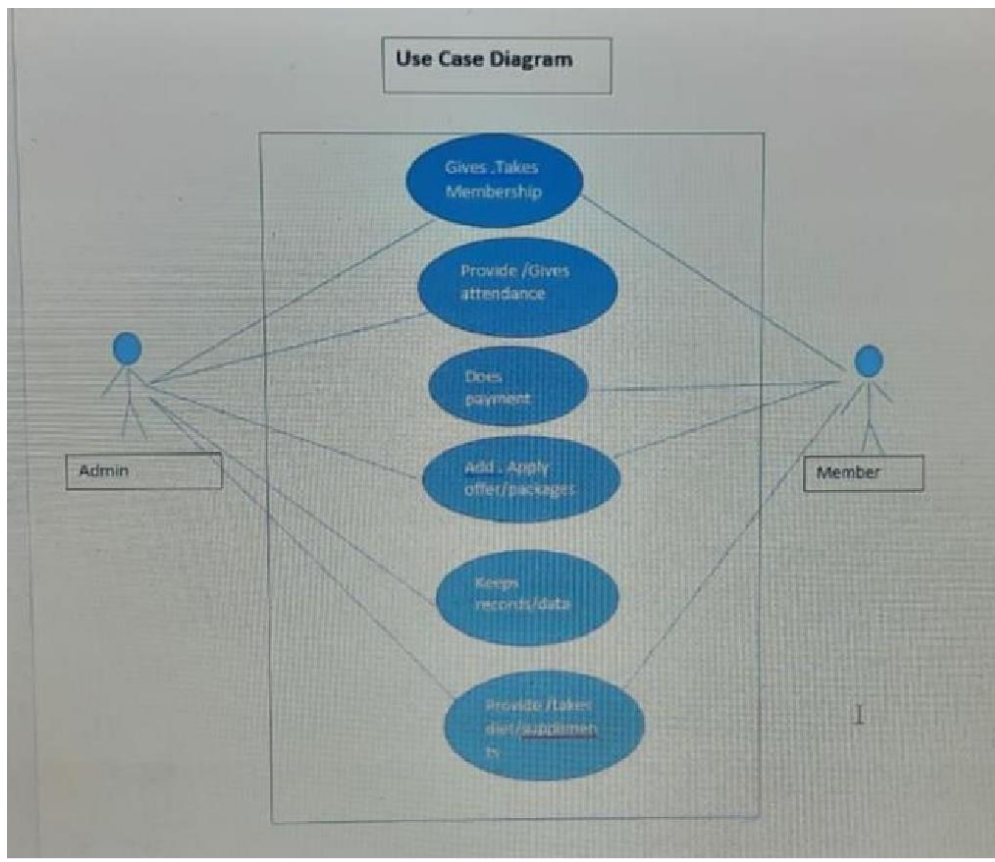
## ER-Diagram:



## Sequence Diagram:



## Usecase diagram:



## **Software/Hardware Requirements:**

### **Client side**

Operating system	Windows 10
Processor	Intel-Pentium Dual Core
RAM	1 GB RAM
Browser	Internet Explorer, Google Chrome, Mozilla Firefox etc.

### **Server side**

Operating system	Windows 10
Front end	Java
Connectivity	Netbean
Backend	MySQL Database Server

### **System Design:**

This system holds the information about gym member, their payment and attendance.

Information can also be removed at any time from the system. This project has proven to be a worthwhile exercise in software development from inception to planning and execution of the code.


### **It design for-**

- Member
- Payment
- Package
- Attendance

There should be Delete and Update options are available.

## Screenshots:

### Login page:

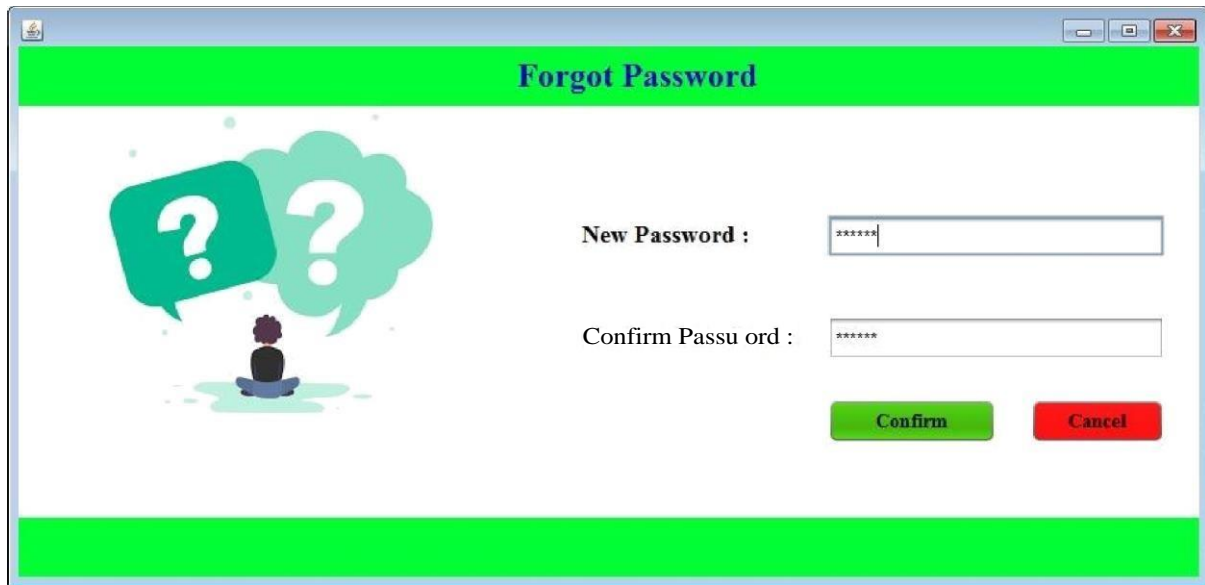


The screenshot shows a web browser window with a title bar. The page has a green header bar with the text "Fitness Club" in blue. Below the header, there is a red banner with the text "We Are Helping You to Get Great Health And Fitness". On the left side, there is a logo featuring a muscular man lifting a dumbbell, with the text "FITNESS" and "- C - L - U - B -" below it. On the right side, there is a login form with the following elements:

- User Name:
- Password:
- 
- [Forgot Password](#)

At the bottom of the page, there is a green footer bar.

### **Forgot Password Page:**



A screenshot of a web application window titled "Forgot Password". The window has a blue title bar with standard minimize, maximize, and close buttons. The main content area has a light blue header bar with the title "Forgot Password". Below the header, on the left, is an illustration of a person sitting on the ground, looking up at two large, light blue speech bubbles, each containing a white question mark. To the right of the illustration are two text input fields. The first field is labeled "New Password :" and contains six asterisks. The second field is labeled "Confirm Passu ord :" and also contains six asterisks. Below the input fields are two buttons: a green "Confirm" button and a red "Cancel" button. The bottom of the window has a solid light blue bar.

**Forgot Password**

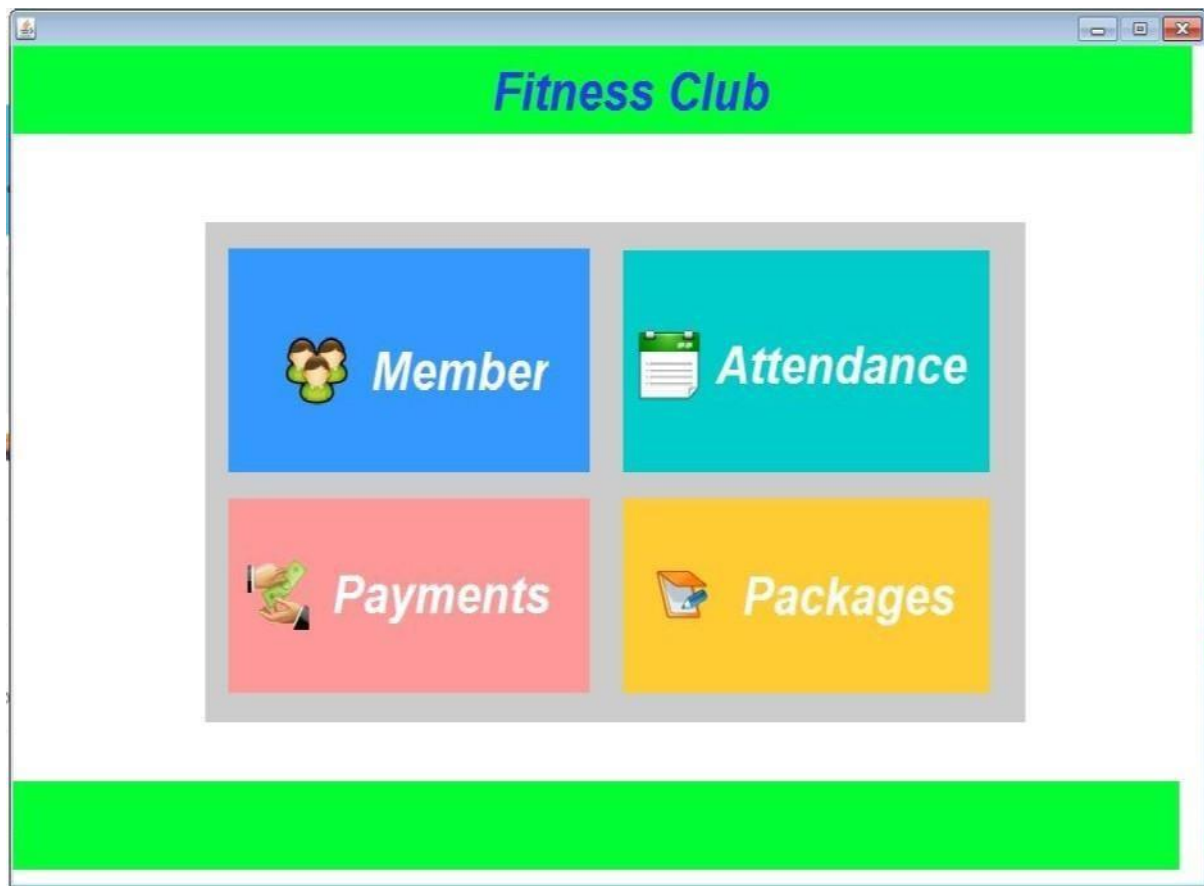
Illustration of a person thinking (question marks).

New Password :

Confirm Passu ord :



## Home Interface Page:



## Member management:

Members

Member ID

MI1001

Contact Number

NIC Number

Birth Day

Name

Gender

Gender

Address

Other

Clear

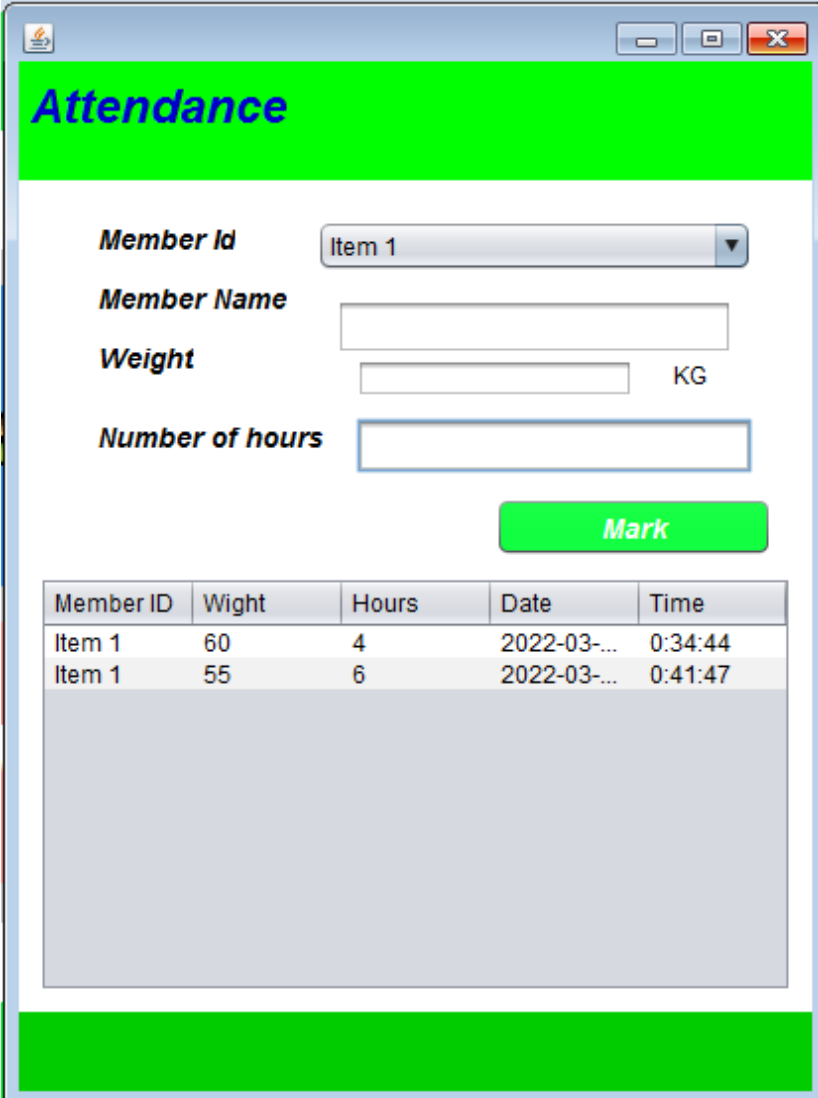
Delete

Update

Add

Member ID	NIC	Name	Address	Contact Nu...	Birthday	Gender	Other	Date
MI1000	8502	Vaishnavi K...	Wani	7020913351	1998-10-02...	Female	hggfhg	2022-03-0...

## Attendance of members:



The image shows a software window titled "Attendance" with a blue header bar. Below the header, there are four input fields: "Member Id" (a dropdown menu showing "Item 1"), "Member Name" (a text box), "Weight" (a text box followed by "KG"), and "Number of hours" (a text box). To the right of these fields is a red button labeled "Mark". Below the input fields is a table with five columns: "Member ID", "Wight", "Hours", "Date", and "Time". The table contains two rows of data. Below the table is a large empty rectangular area, and at the bottom is a solid blue bar.

Member ID	Wight	Hours	Date	Time
Item 1	60	4	2022-03-...	0:34:44
Item 1	55	6	2022-03-...	0:41:47

## Package:

**Packages**

**Package name**

**Hource per week**

**Item Usage**

**Milk**

**Tablet**

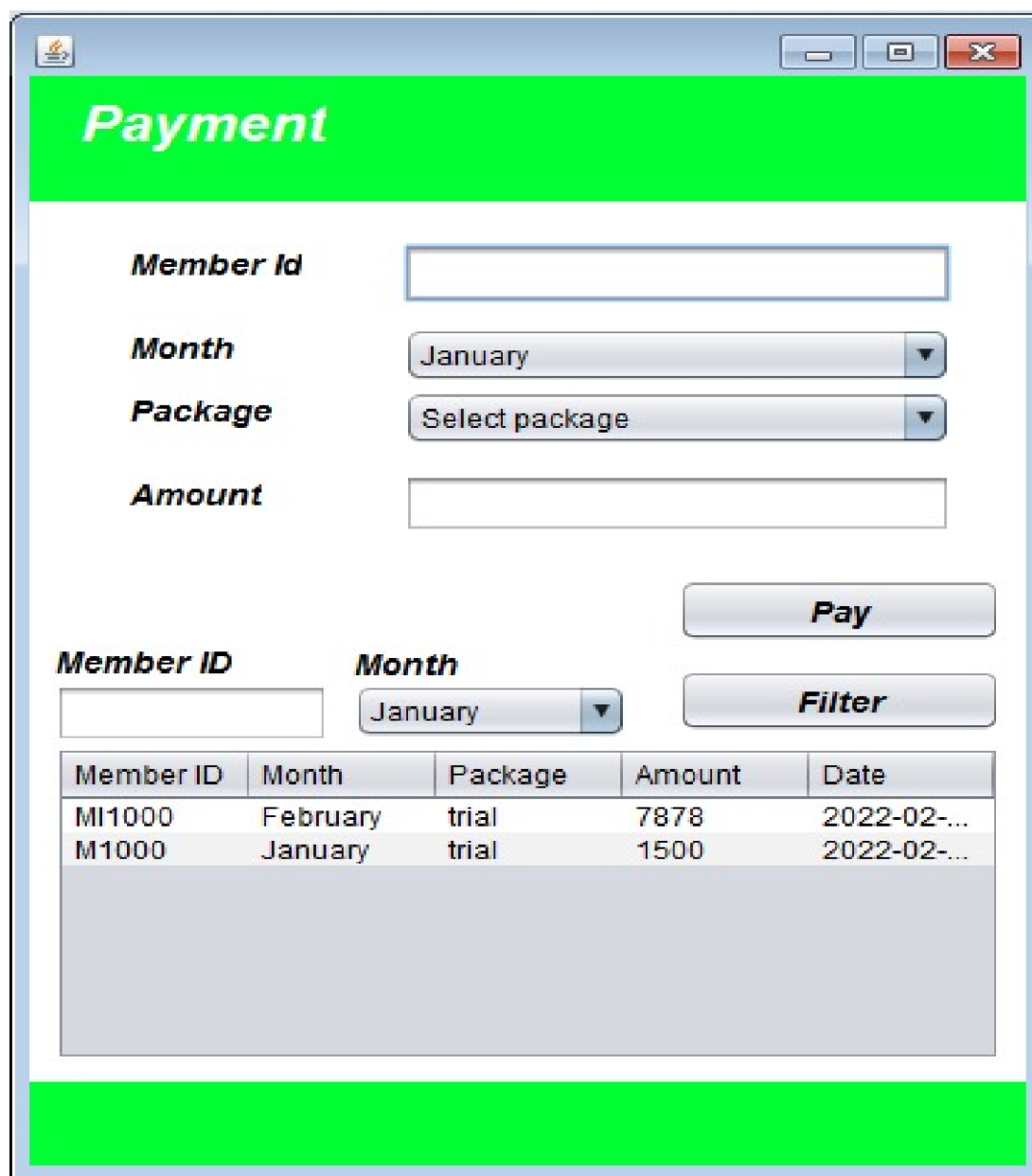
**Expert Advice**

**Body checkup**

**Delete** **Update** **ADD**

Packag...	Hours	Milk	Tablet	Expert A...	Body C...
trial	2	No	No	Yes	Yes
cardio	12hr	Yes	Yes	Yes	Yes

## Payment:



The image shows a software window titled "Payment" with a blue header bar. Inside the window, there are four input fields: "Member Id" (a text box), "Month" (a dropdown menu showing "January"), "Package" (a dropdown menu showing "Select package"), and "Amount" (a text box). To the right of these fields is a "Pay" button. Below these fields, there is a "Filter" section with a "Member ID" text box, a "Month" dropdown menu (showing "January"), and a "Filter" button. Below the filter section is a table with five columns: "Member ID", "Month", "Package", "Amount", and "Date". The table contains two rows of data. The first row shows "MI1000" for Member ID, "February" for Month, "trial" for Package, "7878" for Amount, and "2022-02-..." for Date. The second row shows "M1000" for Member ID, "January" for Month, "trial" for Package, "1500" for Amount, and "2022-02-..." for Date. The table is followed by a large empty gray area, and the window ends with a blue footer bar.

Member ID	Month	Package	Amount	Date
MI1000	February	trial	7878	2022-02-...
M1000	January	trial	1500	2022-02-...

Members

Member ID

MI1000

Contact Number

8850324698

NIC Number

8850

Birth Day

1998-10-02

Name

Vaishnavi Khobragade

Gender

Address

Nagpur

Clear

Add

Member ID	NIC	Name	Gender	Other	Date
-----------	-----	------	--------	-------	------

Message

i

Member added successfully

OK

pg. 30

**Members**

**Member ID** 
**Contact Number**

**NIC Number** 
**Birth Day**

**Name** 
**Gender**

**Address**

Member ID	NIC	Name	Gender	Other	Date
MI1000	8850	Vaishnavi K...	Nagpur	8850324698	1998-10-02... Female 2022-03-3...
MI1001	8850	Gunjan Ing...	Nagpur	7250986431	1998-03-13... Female 2022-03-3...
MI1002	8850	Prattik Bade	Nagpur	8963214785	1995-05-12... Male 2022-03-3...
MI1003	8850	Saurabh B...	Nagpur	7896321556	1992-07-14... Male 2022-03-3...
MI1004	8850	Sanjivani	Nagpur	8308694212	1999-07-17... Female 2022-03-3...
MI1005	8850	Sanket Ban...	Wardha	7020913351	1995-01-20... Male 2022-03-3...

**Dialog Box:** Select an Option. Do you really want to delete. [Yes] [No] [Cancel]

## **DATABASE DESIGN**

### **Introduction**

- **Database**

A Database is the systematic collection of logically related Data with some inherent purpose to access and operate on various different data stored in the form of records so as to raise the ease and efficiency in data Handling.

- **Relational database**

It is one which works upon the specification of relational model which is a database model based on first-order predicate logic, first formulated and proposed in 1969 by Edgar Codd.

Its core idea is to describe a database as a collection of predicates over a finite set of predicate variables, describing constraints on the possible values and

combinations of values. The content of the database at any given time is a finite



model (logic) of the database, i.e. a set of relations, one per predicate variable, such that all predicates are satisfied. A request for information from the database (a database query) is also a predicate.

The purpose of the relational model is to provide a declarative method for specifying data and queries: we directly state what information the database contains and what information we want from it, and let the database management system software take care of describing data structures for storing the data and retrieval procedures for getting queries answered.

- **Database Tables**

A table is a set of data elements (values) that is organized using a model of vertical columns (which are identified by their name) and horizontal rows. A table has a specified number of columns, but can have any number of rows.

### **Table Specification:**

#### **Admin:**

Entity Name	Entity Type & Size	Constraints	Description
admin_id	Int(10)	Primary Key	Admin id
Username	Varchar(30)	Not Null	Username for log in
Password	Varchar(30)	Not Null	Password for login

#### **Member:**

Entity Name	Entity Type & Size	Constraints	Description
member_id	Int(11)	Primary Key	Member id
nic	Int(11)	Not Null	NIC Number
name	Varchar(255)	Not Null	Member name
address	text	Not Null	Address of member
contact	Varchar(255)	Not Null	Contact number
birthday	datetime	Not Null	Date of birth of member
gender	Varchar(255)	Not Null	Gender of member
date	timestamp	Not Null	Date of Joining

**Attendance:**

Entity Name	Entity Type & Size	Entity Type & Size	Description
member_id	Int(11)	Primary Key	Member id
name	Varchar(255)	Not Null	Member name
weight	Varchar(255)	Not Null	Weight of member
hour	Varchar(255)	Not Null	Timing of gym
date	datetime	Not Null	date of attain gym

**Payment:**

Entity Name	Entity Type & Size	Constraints	Description
member_id	Int(11)	Primary Key	Member id
name	Varchar(255)	Not Null	Member name
month	datetime	Not Null	Month Of paying fees
packages	Varchar(255)	Not Null	Package name of selected by member
amount	Int	Not Null	Amount of Packages
date	datetime	Not Null	Date of Paying amount

**Packages:**

Entity Name	Entity Type & Size	Constraints	Description
member_id	Int(11)	Primary Key	Member id
name	Varchar(255)	Not Null	Package name
hour	Varchar(255)	Not Null	Hours per week of Gym
milk	Varchar(255)	Not Null	Supplement
tablet	Varchar(255)	Not Null	supplement
expert	Varchar(255)	Not Null	Expert advicer
body	Varchar(255)	Not Null	Body checkup of member
date	datetime	Not Null	Add,delete,update packages

### **Future scope of the mini project:**

This project is helpful in the automation of gym record including using this module admin create new package and update exit package.

Our Fitness Club is health club membership .We can keep records on members , their membership and attendance And quick and easy communication between admin and members. It is designed for gym ,recreation center and Health club.

- ❖ A component which can access all database and picks up different functions.
- ❖ 2.Easy implementation environment.
- ❖ Generate report flexibility.
- ❖ Online payment gateway.

### **Conclusion:**

The objective of this project was to build a program for maintaining the details of all the members, employees and inventory. The system developed is able to meet all the basic requirements. The management of the records (both members and employees) will be also benefited by the proposed system, as it will automate the whole procedure, which will reduce the workload. The security of the system is also one of the prime concerns.

There is always a room for improvement in any software, however efficient the system may be. The important thing is that the system should be flexible enough for future modifications. The system has been factored into different modules to make system adapt to the further changes. Every effort has been made to cover all user requirements and make it user friendly.

- ❑ **Goal achieved:** The System is able provide the interface to the owner so that he can replicate his desired data. .
- ❑ **User friendliness:** Though the most part of the system is supposed to act in the background, efforts have been made to make the foreground interaction with user(owner) as smooth as possible. Also the integration of the existing system with the project has been kept in mind throughout the development phase.

## **Bibliography/References/Glossary:**

<http://www.tutorialspoint.com/index.htm>

[www.Wikipedia.org](http://www.Wikipedia.org)

[www.codeguide.com](http://www.codeguide.com)

## **Sample Code:**

### **Login Page:**

```
package Interface;

import java.awt.event.WindowAdapter;
import java.awt.event.WindowEvent;
import javax.swing.JOptionPane;

/**
 *
 * @author Ashu
 */
public class loginPage extends javax.swing.JFrame {

    /**
     * Creates new form loginPage
     */
    public loginPage() {
        initComponents();
        setResizable(false);

        this.addWindowListener(new WindowAdapter()
        {
            @Override
            public void windowClosing(WindowEvent windowevent)

            {
                if(JOptionPane.showConfirmDialog(null, "Are you want to close Windows?", "Close,
Windows"JOptionPane.YES_NO_CANCEL_OPTION,JOptionPane.QUESTION_MESSAGE)
==JOptionPane.YES_OPTION)
                {
                    setVisible(false);
                }
            }
        });
    }
}
```





```

});
}
private static String uName, password;

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jPanel3 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jPanel4 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jPanel5 = new javax.swing.JPanel();
    jLabel3 = new javax.swing.JLabel();
    name = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    pword = new javax.swing.JPasswordField();
    jLabel5 = new javax.swing.JLabel();
    jButton3 = new javax.swing.JButton();
    jPanel6 = new javax.swing.JPanel();
    jLabel7 = new javax.swing.JLabel();
    jPanel7 = new javax.swing.JPanel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

```

```

jPanel3.setBackground(new java.awt.Color(0, 255, 51));

jLabel2.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel2.setForeground(new java.awt.Color(51, 51, 255));
jLabel2.setText("Fitness Club");

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(282, 282, 282)
            .addComponent(jLabel2)
            .addGap(277, Short.MAX_VALUE))
        );
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(282, 282, 282)
            .addComponent(jLabel2)
            .addGap(277, Short.MAX_VALUE))
        );

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX_VALUE))
        );
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup())  
    .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
```

```

javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(0, 0, Short.MAX_VALUE))
);

jPanel4.setBackground(new java.awt.Color(255, 255, 255));

jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/Images/918a015ad0e51911e82750f6b0126d4b.jpg"))); //
NOI18N
jLabel1.setText("jLabel1");

javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
jPanel4.setLayout(jPanel4Layout);
jPanel4Layout.setHorizontalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel4Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 341,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(42, Short.MAX_VALUE))
        );
jPanel4Layout.setVerticalGroup(
    jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel4Layout.createSequentialGroup()
            .addGap(26, 26, 26)
            .addComponent(jLabel1)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        );

jPanel5.setBackground(new java.awt.Color(255, 255, 255));

jLabel3.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N
jLabel3.setText("User Name:");

```

```
name.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N  
name.addActionListener(new java.awt.event.ActionListener() {
```

```

        public void actionPerformed(java.awt.event.ActionEvent evt) {
            nameActionPerformed(evt);
        }
    });

    jLabel4.setFont(new java.awt.Font("Times New Roman", 0, 14)); // NOI18N
    jLabel4.setText("Password:");

    pword.setFont(new java.awt.Font("Times New Roman", 0, 24)); // NOI18N
    pword.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            pwordActionPerformed(evt);
        }
    });

    jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N
    jLabel5.setForeground(new java.awt.Color(204, 0, 0));
    jLabel5.setText("We Are Helping You to Get Great Health And Fitness");

    jButton3.setBackground(new java.awt.Color(0, 0, 102));
    jButton3.setFont(new java.awt.Font("Times New Roman", 0, 18)); // NOI18N
    jButton3.setForeground(new java.awt.Color(255, 255, 255));
    jButton3.setText("Log in");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            jButton3ActionPerformed(evt);
        }
    });

    jPanel6.setBackground(new java.awt.Color(255, 255, 255));
    jPanel6.addMouseListener(new java.awt.event.MouseAdapter() {
        public void mouseClicked(java.awt.event.MouseEvent evt) {
            jPanel6MouseClicked(evt);
        }
    });

```

```

javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 334, Short.MAX_VALUE)
);
jPanel6Layout.setVerticalGroup(
    jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 39, Short.MAX_VALUE)
);

```

```

jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
jLabel7.setForeground(new java.awt.Color(51, 51, 255));
jLabel7.setText("Forgot Password");

```

```

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
jPanel5.setLayout(jPanel5Layout);
jPanel5Layout.setHorizontalGroup(
    jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel5Layout.createSequentialGroup()
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(pwd, javax.swing.GroupLayout.PREFERRED_SIZE, 293,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 166,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 329,
javax.swing.GroupLayout.PREFERRED_SIZE)
            )
            .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                .addComponent(jButton3, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, 293, Short.MAX_VALUE)
                .addComponent(jLabel4, javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel3, javax.swing.GroupLayout.Alignment.LEADING)
            )
        )
);

```

```
.addComponent(name, javax.swing.GroupLayout.Alignment.LEADING))  
.addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED_SIZE,
```



```

javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
    );
    jPanel5Layout.setVerticalGroup(
        jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel5Layout.createSequentialGroup()
                .addGap(28, 28, 28)
                .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(28, 28, 28)
                .addComponent(jLabel3)
                .addGap(18, 18, 18)
                .addComponent(name, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(27, 27, 27)
                .addComponent(jLabel4)
                .addGap(18, 18, 18)
                .addComponent(pword, javax.swing.GroupLayout.PREFERRED_SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(30, 30, 30)
                .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE, 28, Short.MAX_VALUE)
                .addGap(57, 57, 57))
            );

    jPanel7.setBackground(new java.awt.Color(0, 255, 51));

    javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);
    jPanel7.setLayout(jPanel7Layout);
    jPanel7Layout.setHorizontalGroup(

```

```
jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
.addGap(0, 0, Short.MAX_VALUE)
```

```

);
jPanel7Layout.setVerticalGroup(
    jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGap(0, 43, Short.MAX_VALUE)
);

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, 0)
            .addComponent(jPanel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addComponent(jPanel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(34, 34, 34)
                    .addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addGap(0, 0, 0)
                    .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE, javax

```

```

        .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
    );

    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(0, 0, Short.MAX_VALUE))
    );

    pack();
} // </editor-fold>

```

```

private void nameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void pwordActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```

boolean b =new LoginFunc().checkLogin(uName,password);
if(b== true){
    loginPage.this.hide();
}
//System.out.println("from login "+uName+" "+pword);
}

private void jPanel6MouseClicked(java.awt.event.MouseEvent evt) {
    ForgetPassword fp= new ForgetPassword();
    fp.setVisible(true);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
        for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
            if ("Nimbus".equals(info.getName())) {
                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                break;
            }
        }
    } catch (ClassNotFoundException ex) {
        java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.

```

```

        java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(loginPage.class.getName()).log(java.util.logging.Level.
SEVERE, null, ex);
    }
//</editor-fold>

```

```

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
        new loginPage().setVisible(true);
    }
});
}

```

```

// Variables declaration - do not modify
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel7;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JPanel jPanel5;
private javax.swing.JPanel jPanel6;
private javax.swing.JPanel jPanel7;
private javax.swing.JTextField name;
private javax.swing.JPasswordField pword;}
// End of variables declaration

```

## Home Page Interface:

```
package Interface;

import java.awt.Dimension;
import java.awt.Toolkit;
import java.awt.event.WindowAdapter;
import java.awt.event.WindowEvent;
import static java.lang.Thread.sleep;
import java.util.Calendar;
import java.util.GregorianCalendar;
import java.util.*;
import javax.swing.JOptionPane;

/**
 *
 * @author ccs
 */
public class Home extends javax.swing.JFrame {

    /**
     * Creates new form Home
     */

    public static String getDate;
    public static String getTime;
    public static String calmonth;

    public Home() {
        initComponents();
        clock();
    }
}
```

```

this.addWindowListener(new WindowAdapter()
{
@Override
public void windowClosing(WindowEvent windowevent)

{
if(JOptionPane.showConfirmDialog(null, "Are you want to close
Windows?", "CloseWindows",JOptionPane.YES_NO_CANCEL_OPTION,JOptionPane.
QUESTION_MESSAGE)==JOptionPane.YES_OPTION)
{
setVisible(false);
}

}

});
}

public void clock()
{
Thread clock=new Thread()
{
public void run()
{
try {
while(true)
{
Calendar cal=new GregorianCalendar();
int day=cal.get(Calendar.DAY_OF_MONTH);
int month=cal.get(Calendar.MONTH)+1;
int year=cal.get(Calendar.YEAR);

int second=cal.get(Calendar.SECOND);
int minute=cal.get(Calendar.MINUTE);
int hour=cal.get(Calendar.HOUR);

```



```
if(month==1)
{
calmonth = "January";
}
else if(month==2)
{
calmonth = "February";
}
else if(month==3)
{
calmonth = "March";
}
else if(month==4)
{
calmonth = "April";
}
else if(month==5)
{
calmonth = "May";
}
else if(month==6)
{
calmonth = "Juny";
}
else if(month==7)
{
calmonth = "July";
}
else if(month==8)
{
calmonth = "Augest";
}
else if(month==9)
{
```

```

else if(month==10)
{
calmonth = "Octomber";
}else if(month==11)
{
calmonth = "November";
}
else if(month==12)
{
calmonth = "December";
}

getTime=( hour +":"+ minute +":"+ second);
getDate=( year + "-" + month + "-" + day );
sleep(1000);
}
} catch (InterruptedException ex) {
// Logger.getLogger(main.class.getName()).log(Level.SEVERE, null, ex);

}
}
};
clock.start();
}

/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@Override
@SuppressWarnings("unchecked")

```

```

jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();
jLabel2 = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
jPanel5 = new javax.swing.JPanel();
jPanel6 = new javax.swing.JPanel();
jLabel7 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jPanel7 = new javax.swing.JPanel();
jLabel6 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jPanel8 = new javax.swing.JPanel();
jLabel8 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jPanel9 = new javax.swing.JPanel();
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jPanel4 = new javax.swing.JPanel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel1.setBackground(new java.awt.Color(255, 255, 255));
jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setBackground(new java.awt.Color(0, 255, 51));

jLabel2.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel2.setForeground(new java.awt.Color(51, 51, 255));
jLabel2.setText("Fitness Club");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);

```

```

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup())
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jLabel2)
.addGap(330, 330, 330))
);
jPanel2Layout.setVerticalGroup(
jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup())
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jLabel2)
.addContainerGap())
);

jPanel1.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 920, 60));

jPanel3.setBackground(new java.awt.Color(255, 255, 255));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel5.setBackground(new java.awt.Color(204, 204, 204));

jPanel6.setBackground(new java.awt.Color(255, 153, 153));
jPanel6.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jPanel6MouseClicked(evt);
}
});

jLabel7.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
jLabel7.setText("Payments");

jLabel5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Images/payment-icon.png"))); //
NOI18N

```

```

jPanel6Layout.setHorizontalGroup(
jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel6Layout.createSequentialGroup())
.addContainerGap(15, Short.MAX_VALUE)
.addComponent(jLabel5)
.addGap(18, 18, 18)
.addComponent(jLabel7)
.addGap(31, 31, 31))
);
jPanel6Layout.setVerticalGroup(
jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel6Layout.createSequentialGroup())
.addGap(41, 41, 41)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel7)
.addComponent(jLabel5))
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

jPanel7.setBackground(new java.awt.Color(51, 153, 255));
jPanel7.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jPanel7MouseClicked(evt);
}
});

jLabel6.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText("Member");

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Images/User-Group-icon.png"))); //
NOI18N

javax.swing.GroupLayout jPanel7Layout = new javax.swing.GroupLayout(jPanel7);

```

```

jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel7Layout.createSequentialGroup())
.addGap(45, 45, 45)
.addComponent(jLabel3)
.addGap(18, 18, 18)
.addComponent(jLabel6)
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jPanel7Layout.setVerticalGroup(
jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel7Layout.createSequentialGroup())
.addContainerGap(59, Short.MAX_VALUE)
.addGroup(jPanel7Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel6)
.addComponent(jLabel3))
.addGap(45, 45, 45))
);

jPanel8.setBackground(new java.awt.Color(0, 204, 204));
jPanel8.setForeground(new java.awt.Color(0, 204, 204));
jPanel8.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jPanel8MouseClicked(evt);
}
});

jLabel8.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText("Attendance");

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/Images/Actions-view-calendar-list-
icon.png"))); // NOI18N

javax.swing.GroupLayout jPanel8Layout = new javax.swing.GroupLayout(jPanel8);

```

```

jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel8Layout.createSequentialGroup())
.addGap(12, 12, 12)
.addComponent(jLabel4)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addComponent(jLabel8)
.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jPanel8Layout.setVerticalGroup(
jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel8Layout.createSequentialGroup())
.addContainerGap(54, Short.MAX_VALUE)
.addGroup(jPanel8Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jLabel4)
.addComponent(jLabel8))
.addGap(49, 49, 49))
);

jPanel9.setBackground(new java.awt.Color(255, 204, 51));
jPanel9.addMouseListener(new java.awt.event.MouseAdapter() {
public void mouseClicked(java.awt.event.MouseEvent evt) {
jPanel9MouseClicked(evt);
}
});

jLabel9.setFont(new java.awt.Font("Sitka Text", 3, 36)); // NOI18N
jLabel9.setForeground(new java.awt.Color(255, 255, 255));
jLabel9.setText("Packages");

jLabel10.setIcon(new javax.swing.ImageIcon(getClass().getResource
("/Images/package-editors-icon.png"))); // NOI18N

javax.swing.GroupLayout jPanel9Layout = new javax.swing.GroupLayout(jPanel9);
jPanel9.setLayout(jPanel9Layout);

```

```

.addGroup(jPanel9Layout.createSequentialGroup())
    .addGap(22, 22, 22)
    .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 53,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addGap(18, 18, 18)
    .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 175,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addContainerGap(18, Short.MAX_VALUE))
);
jPanel9Layout.setVerticalGroup(
jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel9Layout.createSequentialGroup())
.addGap(41, 41, 41)
.addGroup(jPanel9Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
.addComponent(jLabel10)
.addComponent(jLabel9))
.addContainerGap(43, Short.MAX_VALUE))
);

javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
jPanel5.setLayout(jPanel5Layout);
jPanel5Layout.setHorizontalGroup(
jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel5Layout.createSequentialGroup())
.addGap(18, 18, 18)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addComponent(jPanel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
.addGap(26, 26, 26)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
.addComponent(jPanel8, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```



```

.addGap(28, 28, 28))
    );
    jPanel5Layout.setVerticalGroup(
        jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel5Layout.createSequentialGroup()
                .addGap(18, 18, 18)
                .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addComponent(jPanel8, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(jPanel7, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                    .addComponent(jPanel9, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addContainerGap(20, Short.MAX_VALUE))
    );

    jPanel3.add(jPanel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(150, 30, 640, 340));

    jLabel1.setBackground(new java.awt.Color(153, 153, 255));
    jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 910, 410));

    jPanel1.add(jPanel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 90, 900, 400));

    jPanel4.setBackground(new java.awt.Color(0, 255, 51));

    javax.swing.GroupLayout jPanel4Layout = new javax.swing.GroupLayout(jPanel4);
    jPanel4.setLayout(jPanel4Layout);
    jPanel4Layout.setHorizontalGroup(
        jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGap(0, 0, Short.MAX_VALUE));

```

```

jPanel4Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGap(0, 0, Short.MAX_VALUE)
);

jPanel1.add(jPanel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 500, 910, 60));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);
layout.setVerticalGroup(
layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
);

pack();
setLocationRelativeTo(null);
} // </editor-fold>

private void jPanel7MouseClicked(java.awt.event.MouseEvent evt) {
Member mb= new Member();
mb.setVisible(true);
}

private void jPanel6MouseClicked(java.awt.event.MouseEvent evt)
Payment pa=new Payment();
pa.setVisible(true);
}
private void jPanel8MouseClicked(java.awt.event.MouseEvent evt) {
Attendance at = new Attendance();
at.setVisible(true);

```

```
}
```

```
private void jPanel9MouseClicked(java.awt.event.MouseEvent evt) {  
    Package pk = new Package();  
    pk.setVisible(true);  
}
```

```
/**
```

```
 * @param args the command line arguments
```

```
 */
```

```
public static void main(String args[]) {
```

```
    /* Set the Nimbus look and feel */
```

```
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
```

```
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
```

```
    * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
```

```
    */
```

```
    try {
```

```
for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels())
```

```
{
```

```
    if ("Nimbus".equals(info.getName())) {
```

```
        javax.swing.UIManager.setLookAndFeel(info.getClassName());
```

```
        break;
```

```
    }
```

```
}
```

```
    } catch (ClassNotFoundException ex) {
```

```
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (InstantiationException ex) {
```

```
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (IllegalAccessException ex) {
```

```
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
```

```
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
        java.util.logging.Logger.getLogger(Home.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);}
```

```

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable()
{
    public void run() {
        new loginPage().setVisible(true);

    }
});

}

```

```

// Variables declaration - do not modify
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel4;
private javax.swing.JPanel jPanel5;
private javax.swing.JPanel jPanel6;
private javax.swing.JPanel jPanel7;
private javax.swing.JPanel jPanel8;
private javax.swing.JPanel jPanel9;
// End of variables declaration
}

```

**Thank you**